



• PAARA NEWSLETTER •  
VOLUME 46 • NUMBER 9 • September • 1997



# PAARAgraphs

Celebrating 60 years as a *real* ham radio club—*Since 1937*

Newsletter for the Palo Alto Amateur Radio Association

Vic AB6SO, coronary 8/18  
hopes to be home 8/21-22



## CALENDAR

- Sept 5, **PAARA Meeting**, 7:30  
Menlo Park Recreation Center  
700 Alma Street, Menlo Park 7:30-9:30 PM
- Sept 10, **PAARA Board Meeting**, 7:30  
Red Cross Blvd. 400 Mitchell Ln., Palo Alto
- Oct 3, **PAARA Meeting**, 7:30
- Oct 8, **PAARA Board Meeting**, 7:30
- Oct 17-19, **PACIFICON 97**
- Nov 1, **PAARA Auction** (tentative—note date change)
- Nov 7, **PAARA Meeting**, 7:30
- Nov 12, **PAARA Board Meeting**, 7:30



## Program

September 5, 1997  
7:30 P.M.

### Speaker:

Not confirmed at press time  
Check on NET Monday night before meeting

PAARA Radio NET every Monday evening, at 8:30pm,  
on the 145.230-600 repeater MHz, PL tone off. •



## PRESIDENT'S PONDERINGS

de VIC BLACK, AB6SO

This last year has seen many improvements in the way we conduct club activities. We ratified a new club constitution and by-laws to bring us up to date from the older rules which had remained unchanged for nearly 50 years. Our club business has been conducted more by the Board, but reported better in PAARAgraphs. This has allowed us to streamline general club meetings in order to allow more time for Show-and-Tell, Operating News, socializing and guest speakers.

Many of our speakers are world class and because of our reputation many have traveled long distances to be with us (over 12,000 miles in one case). I would like to get the word out to more people about the quality of our speakers since this is an excellent selling point for hams who are undecided about attending club meetings.

We are more stable financially than ever before. Our major fund raisers, the Foothill Flea Market and the Autumn Auction, have been very successful allowing PAARA to provide financial assistance to AMSAT to help offset the cost of launching the Phase 3-D satellite. Excess club funds have been moved from a passbook account to a money market fund in order to earn higher income. This will act as a sort of endowment to help fund future expansion of club activities.

PAARAgraphs has continued to improve from month-to-month so that it is now one of the finest club newsletters in Northern California. This is extremely important since the newsletter holds the club together. Advertising has helped to pay for additional pages in the newsletter. Extra copies are sent to our advertisers and reach a large audience of potential new members. We started an e-mail system to inform on-line members of club activities. This was recently extended to packet, as well.

Our awards system has helped to renew interest in the

(Continued on page 72)Ponderings

## Miscellaneous Dates

### Flea Market at Foothill

Mar 8 West Valley Amateur Radio Association (WVARA)  
 Apr 12 Palo Alto Chapter, American Red Cross  
 May 10 Palo Alto Amateur Radio Association (PAARA)  
 Jun 14 San Jose Chapter, American Red Cross  
 Jul 12 Santa Clara County Amateur Radio Association (SCCARA)  
 Aug 9 South Peninsula Emergency Communication System (SPECS)  
 Sep 13 Electronics Museum Amateur Radio Club (EMARC)  
 Oct 11 Silicon Valley Emergency Communications System (SVECS)

### PAARA Palo Alto Amateur Radio Association

meets 1st Friday 7:30 each month, Net 145.230 each Monday 8:30,  
 contact: Vic Black, Jr. AB6SO, (415)366-0636.

### PAARA Auction, Saturday, November 1, (tentative)

contact Vic Black, AB6SO, (415)366-0636.

### EMARC Electronics Museum Amateur Radio Club

Meets 4th Friday 7:30 each month,  
 contact Sheldon Edelman 415-858-2176, Edelman@richochet.net

### NCDXC Northern California DX Club

Meets 2nd Friday each month, repeater for member info 147.360, each  
 Thursday 8:00PM, contact Bob Mammarella KB6FEC 408 729 1544.

### NorCalQRP Northern California QRP Club

Meets 1st Sunday each month, contact Jim Cates 3241 Eastwood Rd.,  
 Sacramento, CA 95821.

### Perham Foundation, contact Jerry Tucker WA6LNV 415-961-3266

### SPECS Southern Peninsula Emergency Communication System

Meets each Monday 8:00PM on Net 145.27, 224.36, 440.80 MHz  
 contact Mike Hastings KB6LCJ, 408-243-6745 or 408-249-6909.

### SCARES South County Amateur Radio Emergency Service

Meets 3rd Thursday 7:30 each month, San Carlos City Hall.  
 Net is on 144.45 & 444.50 (PL-100) 7:30 Monday evenings.  
 contact Dick Collins K6ANN 415-593-8952

### SCCARA Santa Clara County Amateur Radio Association

Operates W6UU repeater 146.385+ Nets: 2m, W6UU, 7:30 Mon; 10m,  
 28.385, 8:00 Thur. Meets 2nd Mon each month. Contact Jack R

### SVECS Silicon Valley Emergency Communications

Operates WB6ADZ repeater (146.115 MHz+)  
 contact Lou Stierer WA6QYS 408 241 7999

### WVARA West Valley Amateur Radio Association

operates W6PIY repeater 147.39+, 223.96, 441.875, 1286.2  
 Meets 3rd Wed every month. Contact Glen Lokke Jr. KE6NBO  
 at 408 971 8626, or glokke@pacbell.net

### Disaster Services, PALO ALTO CHAPTER, American Red Cross

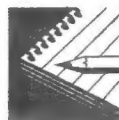
Meets 3rd Wed. each month 7:30PM, HF, packet, BBS, ATV, OSCAR  
 Gateway, NASA satellite, Contact Alan Ball 415-688-0423.

### SAN JOSE CHAPTER, American Red Cross

contact Scott Hensley KB6UOO, 408 249 7093, fsh@richochet.net

### VE Exams, 3rd Saturday each month, 11AM, 145.23- PL=100Hz

American Legion Hall, 651 El Camino Real, R.C.  
 contact Joe KB6OWG.



## The Board Minutes

Dave Bailey (WS6W), Secretary  
 PAARA Board Meeting July 16, 1997

Present: Vic Black (AB6SO)- Pres. Dave Bailey (WS6W)- Sec.  
 Doug Schliebus (W6HXL)- Treas Fred Canham (K6YT)  
 Steve Stuntz (K6FS) Wally Porter (K6URO)

The meeting was called to order by Vic (AB6SO). The June 11 PAARA Board meeting minutes were read by Dave (WS6W). One correction - Item 4 under New Business should read international Guard, not Coast Guard. Doug (W6HXL) gave the treasurer's report. We have \$5136 in the checking account. The net profit for the flea market is \$3969. We have just over 100 paid members for 1997, including new member Don Trask (KF6JMQ). Wally (K6URO) gave the PAARA-graphs editor's report. We can doublesheet the newsletter every other month. it costs the same to make each newsletter, but the postage is higher. This will allow more room for photos, ads, DX, VE, and QRP articles.

### Old Business:

1. Steve (K6FS) reported on the 129th Air National Guard Open House special events station that operated at Moffett Field on July 13. The station was at the picnic grounds. Casual passersby were interested in what was going on and Colonel Steve Spears wants to talk to PAARA sometime in the future. He has a dispersed group with no hams, and, in the event of an emergency, they have no way of communicating with one another. Therefore, he said it is important for his group to be cognizant of amateur radio.

2. Steve (K6FS) also reported on the overhead projector. The Rec Center is not aware of ours and they are not responsible for issuing keys or the availability of storage. Steve will continue to pursue this issue and Vic (AB6SO) will touch base with Gerry (WA6LNV) to find out if we need an overhead projector for next month's meeting.

### New Business:

1. Autumn Auction - Dan (W136STW) looked at the American Legion in Redwood City. it will cost \$200 rent, and we need a date and proposal in writing. Steve (K6FS) wants to look at the facility. Fred (K6YT) suggested the Shriner's Hall in San Mateo, last year's QTH, because of the consistency factor. Dave (WS6W) will call Nolan Katz (KB6LT) about the availability of the Shriner's Hall on October 4. If that is not available, we will go with the American Legion Building. Dan (WB6STW) will be informed either way.

2. Dave (WS6W) said that Rich (W6APZ), Ron (KD6RFL), and Fred (K6YT) have won operating awards for checking into the Monday night net at least 20 times this year.

3. License Class - Steve (K6FS) said that Menlo College is doubtful for a location.

4. Special Events Station - The date for our 60th anniversary special events station was tentatively chosen for November 8, 1997. We still need a location, although operation can be portable. Operation will mostly be on 20, 40, and 15 meters.

*(Continued on page 73) Board Minutes*

## LYNN JOHNSON CONSULTING

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**Palo Alto Amateur Radio Association, Inc.**  
**PO Box 911**  
**Menlo Park, CA 94026**

President.....Vic Black, Jr., AB6SO.....(415) 366-0636  
Vice President.....Dave Meacham, W6EMD.....(415) 369 2633  
Secretary.....Dave Bailey, WS6W.....(408) 730-5215  
Treasurer.....Doug Schliebus, W6HXL.....(415) 851 0727  
Trustee/Property/Badges..Fred Canham, K6YT .....(415) 948-9238  
ARES Officer.....Lily Anne Hillis, N6PGM .....(415) 325-5484  
Club Historian.....Steve Stuntz, K6FS.....(415) 322-4952  
Advertising.....Bob Korte, KD6KYT.....(415) 595 1842

**Board of Directors**

John Buonocore, KD6ZL (415) 366 1658 '97  
Fred Canham, K6YT (415) 948 9238 '97  
Charles Grandjean, WD6FAF '98  
Steve Stuntz, K6FS (415) 322 4952 '97

(see "Calendar" for Board meeting times, visitors welcome)

**PAARAgaphs Staff**

Editor.....Wally Porter, K6URO.....(415) 494 7038  
Database.....Bill McElhinney, KA6LZL.....(415) 325 9808

e-mail Address: [wmpor@comcast.net](mailto:wmpor@comcast.net)



**VE** August 16, 1997, was our scheduled VE session at Redwood City American Legion Hall. The question was, who were going to show up. We needed at least three extra class for a quorum to sign the papers of those who passed. Gene Irazarry had called to say he could not make it, I was unable to reach Joe Horne, so could only hope he was as dependable as usual. Dan Curry was going to an antenna testing in Southern California. So, with Gordon Girton out of town, it appeared to be an interesting morning. However, Bill Sooman arrived, then Joe, then Dan. So we did have a session, with around 20 tests administered. Among them was N6TDC, Jim Muiter of San Mateo, who finished up his extra class license exam with the code test. We did have a session, but we are still short of people to administer these FCC tests. Our nucleus has been doing it for years, but at some time some of us will become burned out, or unable to make the session. Once a month, the 3rd Saturday, for around 1 1/2 to 2 hours.

**Please, let's have some volunteers from PAARA.**

One of our present volunteers comes over from the East Bay, and is not even a PAARA member.

**Ron, W6VG**

*Editor Note: See "Sam Says", page 74. VE testing is another way to be active in PAARA. We all need to do a little so a few don't burn out doing so much.*



**PAARA Meeting Minutes**

**August 1, 1997**

submitted by:

**Dave Bailey(WS6W), Secretary**

**AUGUST 1, 1997 PAARA MEETING MINUTES**

President **Vic Black (AB6SO)** called the meeting to order, and the introductions were done. **Jean-Michel (F5MMX)** was visiting from Paris.

**Announcements:**

1. The Historic Radio Association swap meet will be held at Foothill on August 9. Be sure to take 8 quarters for parking.
2. The Livermore swap meet and NorCal QRP meeting will be this Sunday, August 3.
3. Several PAARA members will provide communications for the Tour de Peninsula bicycle race this Sunday. We hope to showcase amateur radio to the public for providing emergency communications.

**Continuing Business:**

1. **Steve (K6FS)** talked about the 60/60 Award published in PAARAgaphs. This award commemorates PAARA's 60th year. To win this award, you need to work at least 60 stations between July 1 and December 31, any mode (except repeater), any band. No QSL cards are required, just a log with band, time, and call of station worked. Steve also noted that we need a design for the certificate. Anyone is welcome to submit designs. The winner, chosen by a "board of experts", will win a prize.
2. Steve mentioned that there will also be a contest for the PAARA logo.
3. Steve reported on the International Guard special events station. Only 4 of the 30 stations contacted sent SASEs for certificates. The Rescue Wing might have a mandatory ham class for the troops since they are dispersed during off-duty hours and are on call and must report to the base in case of a 7.0 or larger earthquake.
4. **Vic (AB6SO)** presented **Andy (VE3FZK)** with an operating award for checking into the Monday night net at least 20 times in 1997.
5. We want to welcome back **Charlie (WD6FAF)** after recovering from bypass surgery.

**Show and Tell:**

1. **Sam (KF6ML)** showed and passed around several QRP items. The Iambic Keyer has only 11 parts. The **RV3GM** transceiver, which uses 4 transistors, became the **HFC-Pixie2** transceiver, which is available for \$9.95. He also showed the world's smallest transceiver from India and the new version of the Pixie from Conga Products. He won a prize at the Dayton Hamvention for a QRP transceiver he built.
2. **Jean-Michel (F5MMX)**, whom **Vic (AB6SO)** met at work, spoke about amateur radio, particularly moonbounce, in France.

(Continued on page 75) PAARA Meeting

**PAARA 7:30**  
**September 5th**

*(Continued from page 69) Ponderings*

Monday night nets and in on-the-air operating. Design contests for the Club's 60th Anniversary Special Events Station QSL and the club's logo are sparking an interest in members with computer graphics talent. Special events stations at Menlo School and the 129<sup>th</sup> Wing of the Air National Guard have showcased PAARA to large audiences of people unfamiliar with Amateur Radio.

Our award winning Field Day provided enjoyment to all the operators who participated this year. In addition, our club station hosted a team in the prestigious World Radio Team Championships.

For the first time we documented our major club activities including the Foothill Flea Market, the Summer Picnic, Field Day, the Autumn Auction and the Winter Party so we'll have checklists for future committees to work from. The purely social Summer Picnic and Winter Party allow new hams to meet other fine PAARA personalities, many of whom are world renown.

I would like to establish a two or three year plan for the board to pursue so we don't end up changing goals every few months. It's not too early to start thinking of club goals for 1998. A good first step is to establish a schedule ahead of time.

Looking forward to next year, I'd like to continue soliciting advertisers for PAARAgaphs so that the newsletter can come closer to being self sufficient. I would also like to get more PAARA members involved in writing for PAARAgaphs. A building column could help spark an interest in homebrewing ham gear. Perhaps a column devoted to operating techniques would be helpful to new members. I want to establish a central collection point for reporting contest placings and other activities involving our members. Above all, a member profile of PAARA Personalities each month would help us to know each other better. Any volunteers for such a job? Use your imagination and put it down on paper. Editorial help is available, so don't be shy.

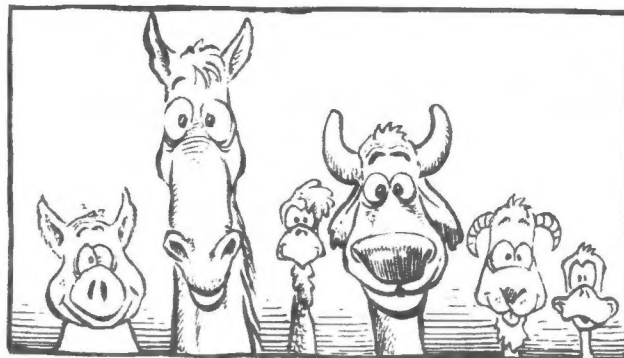
After raising annual membership dues we were able to purchase a new TV and VCR for club use. I would like to see us upgrade our other audio-visual aids with newer, more modern, smaller and more reliable models. These might include a new overhead projector, a public address system and perhaps a slide projector.

We are now in a good position to upgrade our operating equipment as well. Some of our excess antennas and towers are for sale and will be replaced by more reliable and efficient designs. Newer equipment will help us to be more competitive on Field Day as well as to provide emergency support in the case of a major emergency. I would recommend that we purchase our own coffee Vacu-tainers for use at swap meets, Field Day and other club activities. Many clubs in the area depend on borrowing the containers from the American Red Cross for use at various activities. In case of a major disaster, the one set will not go around.

Ham radio used to be called "The King of Hobbies and the

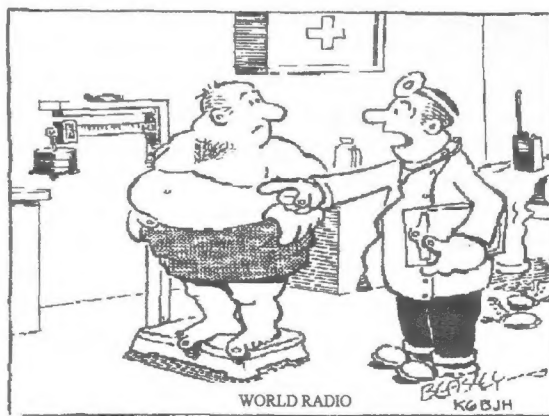
*(Continued on page 73) Ponderings*

## Join us for pre-meeting eyeball QSO Sept 5th



## gab & gobble

6 pm— at Su Hong Restaurant  
 1039 El Camino Real, Menlo Park  
 —across from Kepler's Book Store—



WORLD RADIO  
 KGBJH  
 YOU'VE GOT QUITE AN SWR NODE THERE, --- I'D SUGGEST YOU TRIM BACK ON THE OLD FEEDLINE!

## PAARA MONDAY NIGHT NET

8:30 PM

145.230-600 MHz repeater

PL tone off

Latest news between monthly issues of  
 PAARAgaph



(Continued from page 72) Ponderings

Hobby of Kings". More and more I hear it referred to as a dying hobby being replaced by other electronic activities. The future of the club rests with new members. This is a good time to create a membership outreach committee to search out new hams and potential hams and invite them to PAARA's activities. Along these lines, I would like for us to start working early on Field Day and other major contests to involve more club members and new hams in operating under exciting competition conditions.

Many of our members compete individually in VHF contests and major HF contests such as the WPX, Sweep Stakes, the California QSO Party and various DX contests. Others would like to compete, but are antenna restricted or don't have HF gear. I would like to field a club team using our club callsign, W6OTX, for at least one of these contests in the coming season in order to introduce no-code Techs to the excitement of HF operating outside the competitive pressures of Field Day. Our own 60<sup>th</sup> Anniversary Special Events Station will earn us notoriety among fellow hams and provide operating opportunities for hams who would not ordinarily operate on HF.

A major concern for your board is the number of members who remain out of touch for long periods of time. A membership outreach group could check up on the health of older members occasionally. Perhaps a reverse "Elmer" program would be helpful in getting more members to club meetings by teaming up younger drivers with older members who can no longer drive to evening meetings because of poor eyesight or other health concerns. Your commitment of a ride to meetings a few times a year could help both the older members and the drivers who are too young to remember "the good old days" (formerly known as "these trying times").

Most importantly, I'd like to see the club become involved in a host of small projects that would involve more members so that we don't become dependent on a very small corps of volunteers. If you have some attainable pet projects of your own that you would like to see the club get involved in, discuss them with your officers or board members. We will consider them at the board meetings. ☺☺☺



**PAARA PRIDE**  
wear your  
**PAARA Badge**  
to

meetings, picnics, field days, winter parties, ham fests,  
flea markets, Pacificons...

(if you need one, contact Fred, K6YT)

Join Us At The Next PAARA Meeting

**September 5, 1997**

(Continued from page 70) Board Minutes

Vic (AB6SO) will find out if there are any contests on that date.

5. We need committees and chairpeople for officer's nominations and the Winter Party.

**Other Business:**

1. The Rent for the next 6 months is due to the Rec Center. The cost is \$150.

2. Doug (W6HXL) will write Carl Schoof a \$100 check for the use of the Field Day site and obtain an insurance certificate.

3. Vic mentioned that we should have committees for membership outreach and advertising next year.

4. Fred (K6YT) said that a tour instead of a speaker would be a good idea for a future meeting.

The meeting was adjourned. Submitted by Dave Bailey (WS6W)

(Continued on page 74)

**Bring a Show & Tell to the next PAARA meeting**



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**PAARAgaphs Ad Rates**

PAARAgaphs accepts paid advertisements from non-members.

(short personal ads remain free for members in good standing.)

All ad rates listed are per issue only.

cost  
card size).

1. Not for profit ads by association members for ham-related items and wants. No  
for business card size ads (additional space at \$2.50 per business

2. For Profit organizations and/or individuals: \$5-business card size, \$25-half page,  
\$50 full page or back cover.

These fees may be reduced or waived in exchange for a valuable consideration that  
is given to the Association or its general membership. Such consideration must be in addition to  
any existing arrangements with the association.

The PAARAgaphs editors reserve the right to reject any ad deemed to be not in  
the best interest of the Association. All fees are for "scanner-ready" copy or text-only ads.

(Continued from page 73) Board Minutes

### PAARA Board Meeting August 6, 1997

#### Present:

**Vic Black (AB6SO)**- Pres      **Dave Bailey (WS6W)**- Sec  
**Doug Schliebus (W6HXL)**-Treasurer  
**Charlie Grandjean (WD6FAF)**   **Bill Rausch (AA6PA)**  
**Fred Canham (K6YT)**          **Steve Stuntz (K6FS)**  
**Wally Porter (K6URO)**        **Judy Schliebus (KF6AZZ)**

The meeting was called to order by **Vic (AB6SO)**. The July 16 PAARA Board meeting minutes were read by **Dave (WS6W)** and approved by the Board.

**Doug (W6HXL)** gave the treasurer's report. We have \$5103 in the checking account, and one new member, **Bryan Schryver**, paid his dues. **Doug** filed the IRS Tax Exempt Form, read the California State Tax Exempt Form (filing not necessary since income is less than \$25000), ordered and received the Proof of Insurance Form for the Pale Alto Boat Works, ordered and received a copy of Liability Insurance Policy from Wohlers, and received an ATM card from Wells Fargo. He also presented an investment plan, distributing our funds among a checking account, savings account, CD, Schwab US Bond Fund, and Schwab Money Market Account, which was approved by the Board.

**Wally (K6URO)** gave the PAARAgaphs editor's report. He received a newsletter from a club in Council Bluffs, IA, whose editor, **Hank (WAOZGQ)** is a friend of **Vic (AB6SO)**. They have 150 members, but only 8 or 9 attend the meetings. He received a commitment from **Sam (KF6ML)** to write articles on QRP. **Wally** also noticed a 2 meter interference article written by **Vic (AB6SO)** reprinted in the ARNS newsletter.

#### New Business:

1. Autumn Auction - The Board approved a date of Saturday, November 1, as suggested by **Fred (K6YT)**. The QTH will be the Shriner's Hall in San Mateo, where it was last year. The rent is \$200.

2. **Steve (K6FS)**, received the emblems of the Rescue Wing of the international Guard for the certificates sent out to those who contacted the special events station. Only 4 people sent SASEs for certificates.

3. **Dave (WS6W)**, said that **K6EHS**, **WA6HLE**, **WB6ORZ**, **KB6OWG**, and **K6URO** won net operating awards this month.

4. **Vic (AB6SO)**, said that **Jean-Michel (F5MMX)**, who visited our club from Paris, will send an article to PAARAgaphs.

#### Other Business:

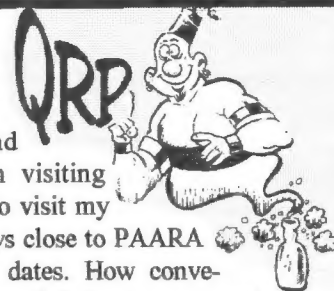
1. We need creative people to come up with designs for the 60/60 Award Certificate, so there will be a design contest. The deadline for ideas will be December 1, and the prize will be dinner at Su Hong and 1 year's membership to PAARA.

2. **Vic (AB6SO)**, wants a license class. A possible location is the Red Cross Building in Pale Alto where we have our Board Meetings. **Bill (AA6PA)** is willing to be an instructor. **Tom Cascone (KF6LWZ)** is the contact person and **Steve**

**(K6FS)** will contact him about schedule, fees, and liability. Since we need at least a month's publicity, the class will be held in October.

The meeting was adjourned. Submitted by **Dave Bailey (WS6W)**

## SAM SAYS



### CQ QRP de KF6ML

What a privilege to attend PAARA meetings when I'm visiting from So. Cal. I just happen to visit my 90 year old mother on the days close to PAARA (and NorCal QRP) meeting dates. How convenient! My wife's comment as we left the August meeting was "what a friendly group!"

If I were asked to write about QRP, three years ago, I couldn't have done it. I became interested in QRP only about two years ago when I heard about the NorCal QRP Club- and "got stung!" I wondered how I would "fit in" as these low-powered hams seemed to be a particular and peculiar group. But I was wrong! They are no different than you or me! Most seem to operate in the 100w range and enjoy QRP for inexpensive building kits (under 5w) and operating what they built "with their own hands." Some even run legal limit and still enjoy QRP "whenever." Then, there are the die-hard ONLY QRP'ers, running battery power- solar charged.

Most operation is HF CW from 80 to 10 meters. Some of us like the challenge of QRP SSB. I recently talked to Japan on 20m SSB running 5w PEP. Lots of possibilities as the bands are opening up now.

Is QRP for you? Only you can answer that question. But the answer may be quite simple. Would you like to build- again? Would low-cost kits appeal to your pocket book? Does accomplishing more- with less, challenging enough? One thousand miles per watt is a good starting goal for the QRP'er. With 100w, this will require your signal to circle the globe about 4 times!

Still want to try it? Many do.

NorCal QRP Club\*, starting their 5th year has over 2,200 members in all 50 states and 75 countries. The question is do you want to be one of us? Try it- you may learn to like it!

72's, **Sam KF6ML**

(continued next month)

*Editor Note: Sam KF6ML, has been a favorite many times for Show & Tell at PAARA meetings. August he filled in as impromptu speaker. Sam has agreed to write a column about his ham experiences. Even though he lives in Southern California and is not a PAARA member, his visits, demonstrations and writings are most welcome. Sam sets an example for all of us.—K6URO*

### \*Northern California QRP Club

Membership and QRPp subscription (quarterly)

\$15 check made to (not QRP):

Jim Cates, WA6GER  
 3241 Eastwood Rd.  
 Sacramento, CA 95821

**TREASURER'S REPORT July 31, 1997**

INCOME:	1996	Apr.97	May 97	Jun.97	Jul.97	97 YTD
Dues	\$600	\$36	\$60	\$24	\$12	\$936
Flea Market	6,116		6,466	37	242	\$6,745
Auction	3,336					\$0
Advertisements	600				20	\$25
Holiday Dinner	449					\$0
Interest & Other	529	40	45	42	42	\$290
<b>Total Income ...</b>	<b>\$11,630</b>	<b>\$76</b>	<b>\$6,571</b>	<b>\$103</b>	<b>\$316</b>	<b>\$7,996</b>

EXPENSES:						
Postage	\$64					\$72
DMV	43					\$43
State of CA	10					\$10
Rent	300				\$150	\$325
Speakers Dinner	132		\$20	\$33		\$99
Flea Market	1,737		2,710	58		\$2,768
Auction	2,241					\$0
Refreshments	92	7	12	12		\$69
Newsletter	2,446	199	199	238	184	\$1,387
Picnic	87			443		\$443
Field Day	377			66	100	\$166
Holiday Dinner	669					\$0
Radio Class	155					\$0
Misc.	782	7	150	15		\$348
<b>Total Expense ..</b>	<b>\$9,135</b>	<b>\$213</b>	<b>\$3,091</b>	<b>\$865</b>	<b>\$434</b>	<b>\$5,730</b>

SUMMARY:						
Income	\$11,630	\$76	\$6,571	\$103	\$316	\$7,996
Expenses	\$9,135	\$213	\$3,091	\$865	\$434	\$5,730
<b>Net Return .....</b>	<b>\$2,495</b>	<b>(\$137)</b>	<b>\$3,480</b>	<b>(\$762)</b>	<b>(\$118)</b>	<b>\$2,266</b>

**COMMENTS:**  
 A Flea Market net return of nearly \$4,000 and increased dues have helped to boost our Net Return for 1997. Some Auction and Dinner expenses were incurred in 1996, paid in 1997, and are shown here as paid in 1996 in order to reflect true expenses.

**Doug Schliebus, W6HXL**

**AWARD**

To celebrate our 60th year:

PAARA members making 60 contacts July 1, 1997–December 31, 1997  
 All bands, any mode (except repeaters). Submit log or photo copy showing date, time, freq., call, name and QTH. QSL not required. You will receive our 60 year award from PAARA. More info at Sept 5th meeting. —Steve, K6FS

**PAARA MONDAY NIGHT NET**

**8:30 PM 145.230-600 MHz repeater**

PL tone off

Latest news between monthly issues of PAARAgaph

**PAARA-Palo Alto Amateur Radio Association-P.O. Box 911, Menlo Park, California 94026-0911**

Club meetings are on the first Friday of each month, 7:30pm at the Menlo Park Recreation Center, 700 Alma Street, Menlo Park, CA. • Radio NET every Monday evening, at 8:30pm, on the 145.230-600 MHz repeater, PL tone off. • Membership in PAARA is \$12.00 per calendar year which includes a subscription to PAARAgaphs. • Make payment to the Palo Alto Amateur Radio Association.

(Continued from page 71) PAARA Meeting

**Operating News:**

1. Dan (WB6STW) made 20 contacts toward his 60/60 Award. He contacted Germany (DL6NMR) on 75 meters, as well as stations in Australia, Newfoundland, Fiji (maritime mobile), and the Marshall Islands.

**New Business:**

1. Fred (K6YT) said that we need a date for our Autumn Auction. We will be able to rent the Shriner's Hall (last year's QTH) for the same price. The date originally suggested, October 18, conflicts with Pacificom, so the date was tentatively set for November 8.

The meeting was adjourned by Vic (AB6SO).

Submitted by Dave Bailey (WS6W)

**Change**

**QST September 1947** courtesy Dick Kors (KM6EP)

"Does it seem a full two years ago that the atom bombs first fell, Japan surrender, and amateur radio was reactivated with its first postwar privileges — the 2 ½-meter band? The world has had to make many readjustments since that time, and so have we as amateurs. Witness that we no longer have a 2 ½ meter band as such, it having been shifted to 2 meters. Nor do we have a 5-meter band — it is now "six," with promise of a WAS soon. We have numerous new microwave bands. We have a smaller 10-meter band, a new one at 11 meters. We have every prospect of a new and very interesting assignment at 21 Mc.

Change—that's the word. The whole world changes, and we must move with it. Actually amateur radio is composed mostly of changers, men who were not satisfied with the state of the art—technically, theoretically, regulation-wise or from an operating standpoint. And we have moved ahead; changes makes progress. Most of us are pioneers in one way or another.

Yet we've always had a small group of amateurs who didn't want changes. They insisted c.w. would never replace spark, balked at crystal control; fought the d.c. regulations, cried that our 1929 bands would never support amateur radio and therefore predicted its immediate doom. They scoffed at "microwaves" (then almost everything above 14 Mc.) and when the utility of such bands was demonstrated, they were first to protest the outlawing of modulated oscillators there. Who was it said that the only difference between a rut and a grave is in the dimensions."

**PAARA 7:30 September 5**

